

Polypropylene PP 1042

PP

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	31.7	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1379	MPa	ASTM D 790
Rockwell Hardness	R95	-	ASTM D 785
Izod Impact notched, 1/8 in	26.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	100	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive

Regional Availability

North America